

INTERNATIONAL SEARCH REPORT

International Application No.

PCT/EP 03/02513

Rec'd PCT/TO 10 DEC 2004

A. CLASSIFICATION OF SUBJECT MATTER
 IPC 7 F16L55/38 F16L55/40 F16L55/165

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
 IPC 7 F16L

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 90 12241 A (INSITUFORM GROUP LTD) 18 October 1990 (1990-10-18)	1-13
Y	page 16, line 31 -page 19, line 2 page 22, line 2 -page 23, line 15; figures 12-16,25-30	17,18
X	US 5 384 086 A (SMITH EDWARD P) 24 January 1995 (1995-01-24)	1-8,27
Y	column 2, line 44 -column 2, line 59; figures 1,2	17,18
X	US 4 602 974 A (CHICK DOUGLAS ET AL) 29 July 1986 (1986-07-29)	1,27
	column 6, line 14 -column 6, line 36; figures 8,9	

☐ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents:

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E earlier document but published on or after the international filing date

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O document referring to an oral disclosure, use, exhibition or other means

P document published prior to the international filing date but later than the priority date claimed

T later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

Y document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

G document member of the same patent family

Date of the actual completion of the international search

5 September 2003

Date of mailing of the international search report

18/09/2003

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Information on patent family members

International Application No

PCT/GB 03/02513

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